Amendments to the Claims

1. (Original)   A method, comprising:

receiving image data at a digital video camera;

an encoder of the digital video camera compressing the image data into an

encoded information stream capable of carrying at least 8.5 frames/second

in which no frame depends on a previous frame by performing intra frame

encoding; and

transmitting the encoded information stream from the digital video camera to a

computer system via a Universal Serial Bus (USB) while consuming no

more than approximately 4 Mbits/second of USB bandwidth.

2. (Original)   The method of claim 1, wherein the compression of the image data

includes performing spatial prediction, using customizable quantization, and using

fixed-length symbols.

3. (Original)   The method of claim 1, wherein the compression of the image data

provides nearlossless compression.

4. (Original)   The method of claim 1, wherein the compression of the image data

uses Differential Pulse Code Modulation (DPCM).

5. (Original)   An apparatus, comprising:

a receiver to receive image data;

an encoder, coupled to the receiver, to compress the image data into an encoded

information stream capable of carrying at least *8.5* frames/second in which

no frame depends on a previous frame by performing intra frame encoding; and

a transmitter, coupled to the encoder and the receiver, to transmit the encoded information stream from the digital video camera to a computer system via a Universal Serial Bus (USB) while consuming no more than approximately 4 Mbits/second of USB bandwidth.

6. (Original)   The apparatus of claim 5, further comprises customizable quantization and fixed-length symbols to perform spatial prediction to compress the image data.

7. (Original)   The apparatus of claim 5, wherein the compression of the image data provides near-lossless compression.

8. (Original)   The apparatus of claim 5, wherein the compression of the image data uses Differential Pulse Code Modulation (DPCM).

9. (Original)   A system, comprising:

a digital video camera having an encoder and a transmitter, the digital video camera to receive image data;

the encoder to compress the image data into an encoded information stream capable of carrying at least 8.5 frames/second in which no frame depends on a previous frame by performing intra frame encoding; and

the transmitter to transmit the encoded information stream from the digital video camera to a computer system via a Universal Serial Bus (USB) while consuming no more than approximately 4 Mbits/second of USB bandwidth.

10. (Original)   The system of claim 9, further comprises customizable quantization and fixed-length symbols to perform spatial prediction to compress the image data.

11. (Currently Amended) The ~~apparatus~~ system of claim 9, wherein the compression of the image data provides near-lossless compression.

12. (Currently Amended) The ~~apparatus~~ system of claim 9, wherein the compression of the image data uses Differential Pulse Code Modulation (DPCM).